Liquid Level Gauges

Seetru SeeBio range

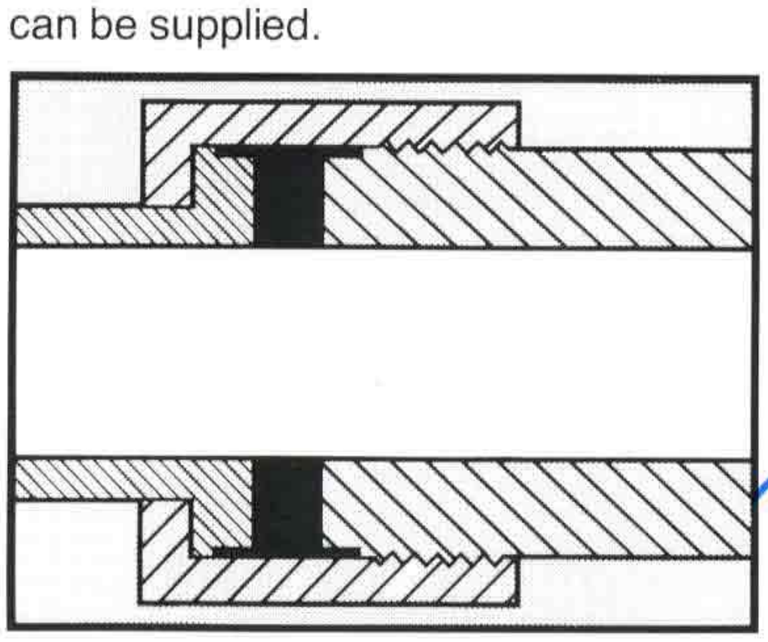
suitable for food products
or high quality chemicals
where equipment cleaning is
of paramount importance.

for food, brewing, chemical and process industries

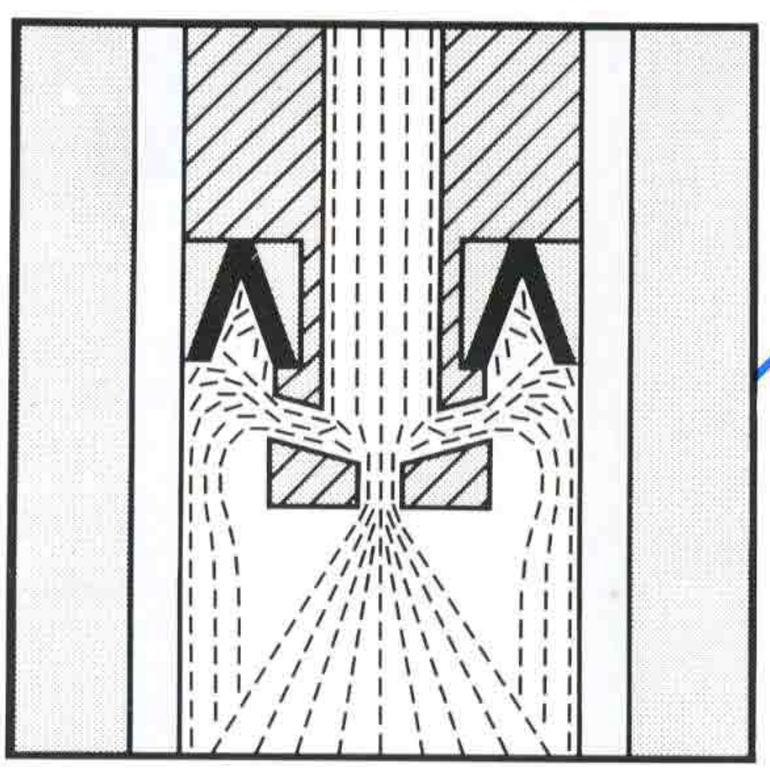
SEETRU

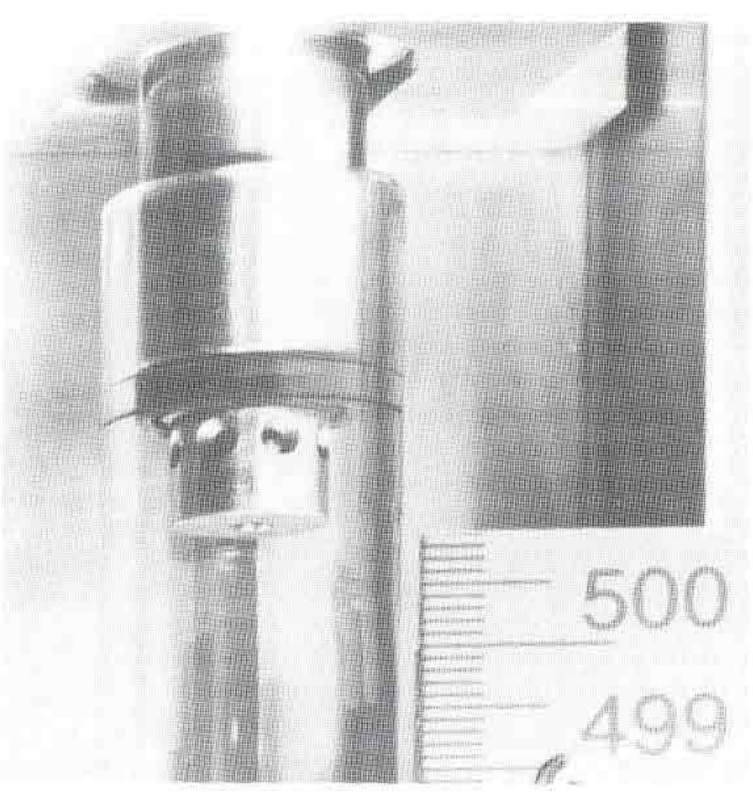
SeeBio

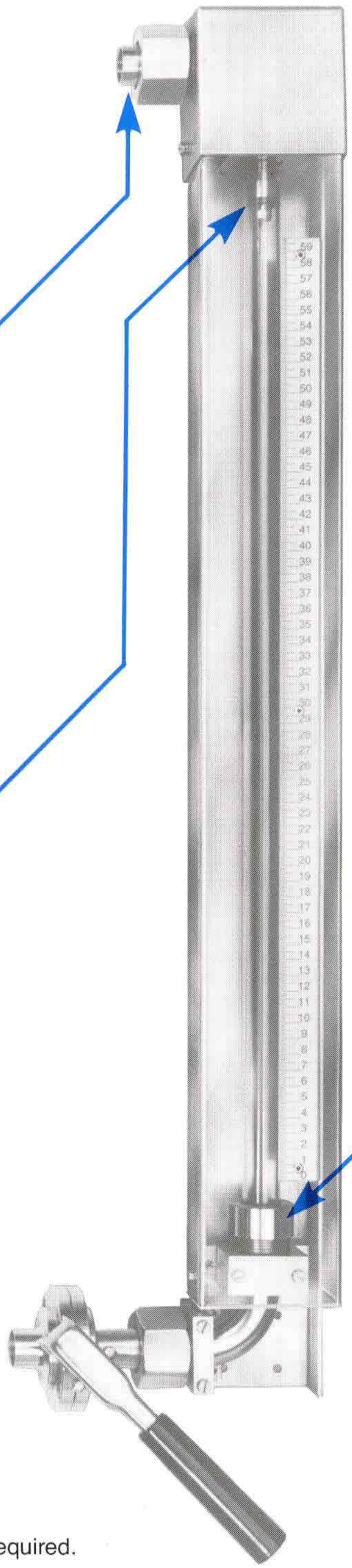
Pipework and connections used throughout are stainless steel type 304. Fittings in stainless steel type 316 can be supplied.



Purpose designed upper sight tube gland to allow for sight tube expansion/ contraction and ensures cleaning fluid enters directly onto the sight tube bore for effective, thorough cleaning.

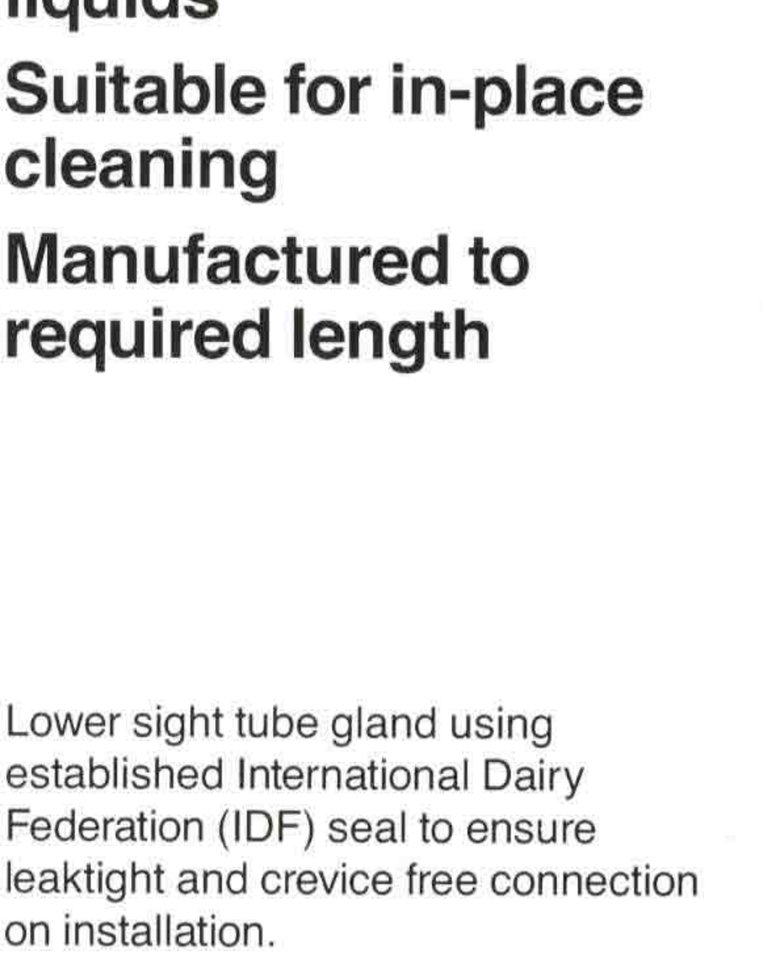


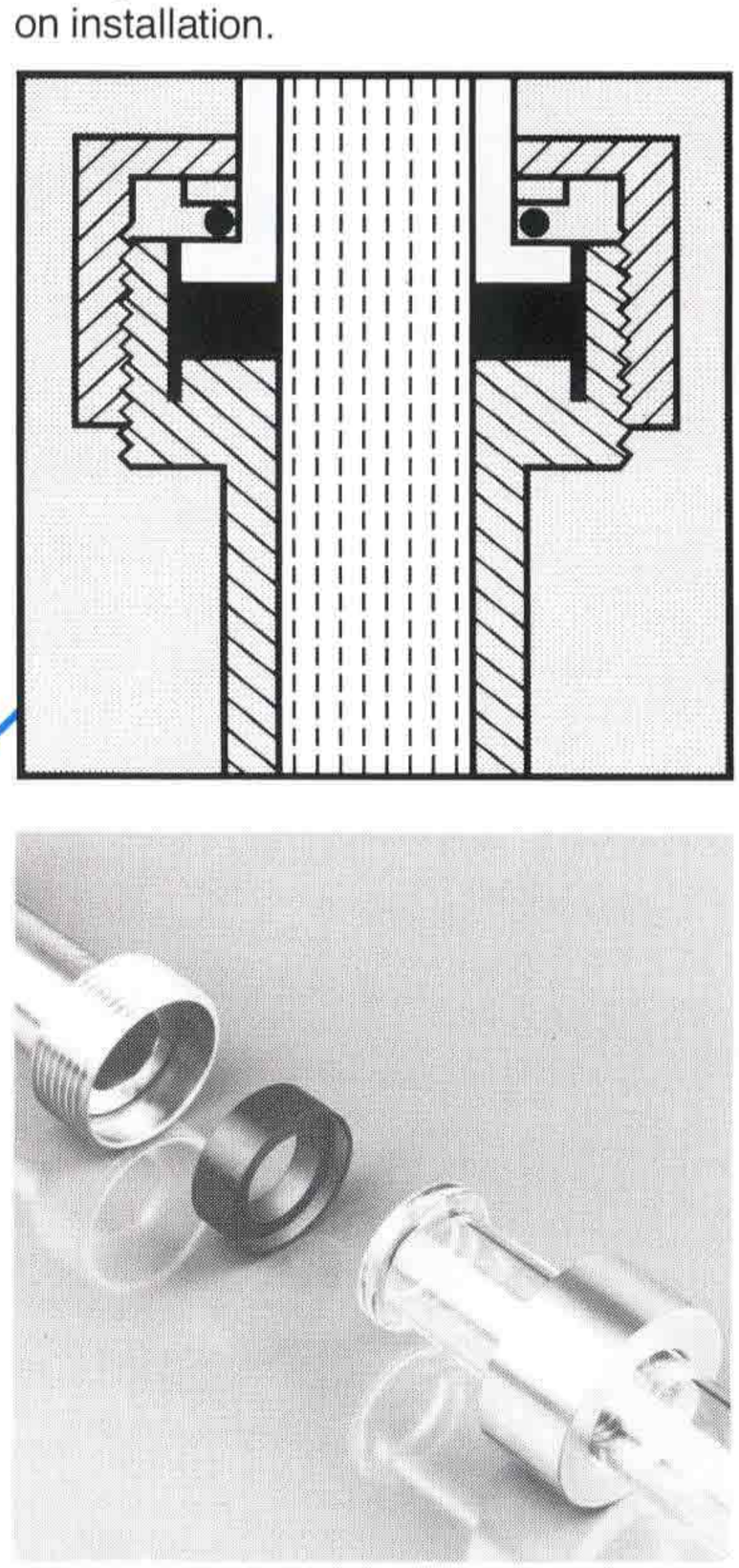




- **Accuracy**
- **Reliability**
- **Hygienic construction**
- **Suitable for colourless liquids**
- **Suitable for in-place cleaning**
- **Manufactured to required length**

Lower sight tube gland using established International Dairy Federation (IDF) seal to ensure leaktight and crevice free connection on installation.



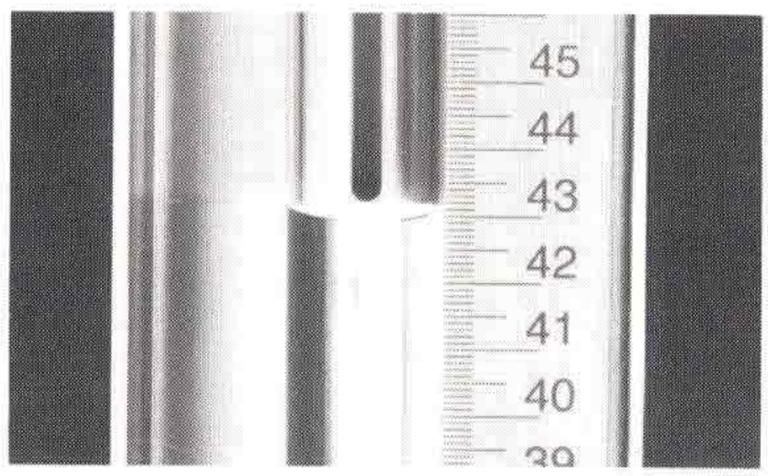


Food quality isolation valves available if required.

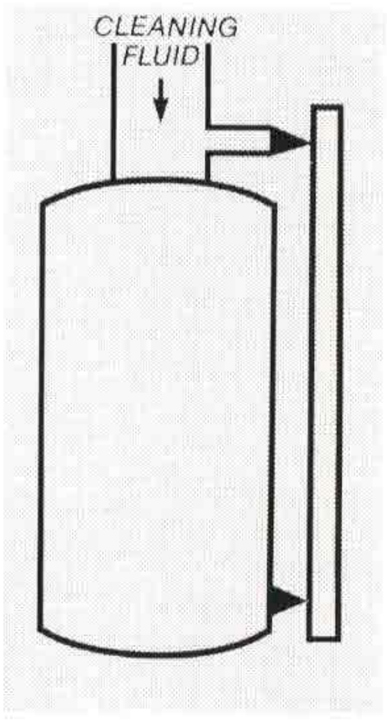
the hygienic liquid level gauge

A high quality liquid level gauge that allows the total accuracy and reliability of a sight tube system to be used on storage and process vessels containing food products or high purity chemicals where equipment cleaning is of paramount importance.

SYSTEM ACCURACY
The gauge is direct reading. The liquid level in the sight tube corresponds to the liquid level within the tank and can be read against the scale plate with graduations every 1mm over the entire sight tube length. Accurate reading of the liquid level can be easily taken at any time.



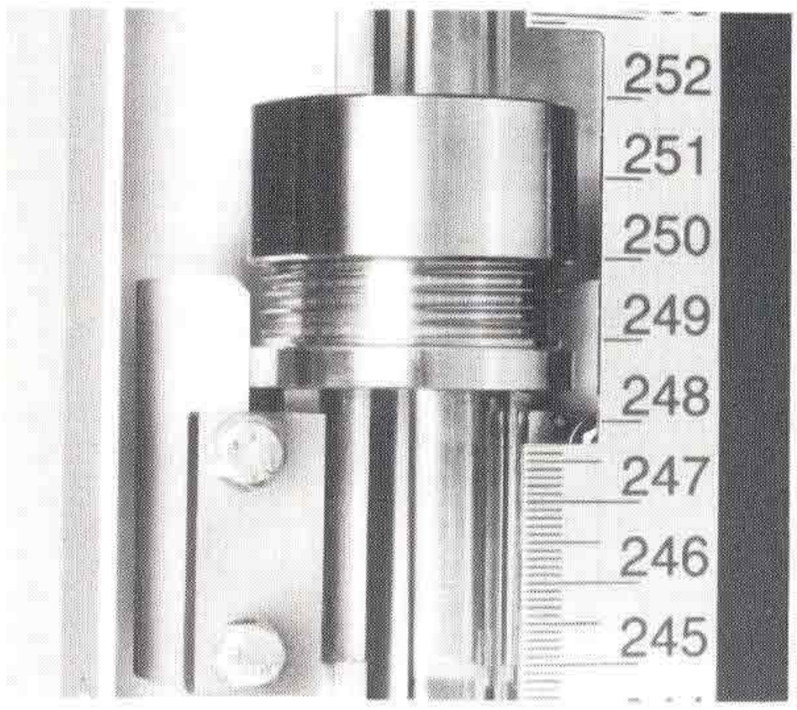
VIEWING THE LIQUID
The clear 19mm bore sight tube provides positive viewing of the liquid. Colourless liquid is indicated by a coloured marker strip fitted behind the sight tube that is magnified when viewed through the liquid.



CLEANING THE GAUGE
The gauge is designed to be permanently connected to the in-place cleaning (CIP) system of the tank and will then be automatically cleaned in-situ. Standard construction suitable for hot wash up to 80°C, construction suitable for steam cleaning on request. The use of IDF (International Dairy Federation) food quality fittings throughout ensures crevice free passages through which the liquid will flow whilst excellent sealing is maintained.

MATERIALS OF CONSTRUCTION
The seals are selected to suit each application to be taste free or chemically compatible. All end fittings are manufactured from type 304 stainless steel to be suitable for liquid contact and the installation environment (fittings in stainless steel type 316 can be supplied). The sight tube is a 19mm bore borosilicate glass protected in a stainless steel channel with a clear plastic front cover.

GAUGE LENGTHS
Suitable for installing on new or existing vessels the SeeBio is manufactured to suit individual requirements. The glass sight tube will be supplied as a single length up to 3000mm long. Longer gauges are provided by using an intermediate support to join the glass lengths.



TANK CONNECTIONS
1 inch o/d stub pipe for welding to connecting pipe with or without food quality butterfly type isolation valves.

Data sheets are available for each gauge type upon request. (Please indicate gauge type required.)

	1 inch BUTTERFLY VALVE		1 inch STUB PIPE
	TOP AND BOTTOM	BOTTOM ONLY (STUB PIPE AT TOP)	TOP AND BOTTOM
SIDE ENTRY	TYPE Bio/101	TYPE Bio/102	TYPE Bio/103
BACK ENTRY	TYPE Bio/201	TYPE Bio/202	TYPE Bio/203

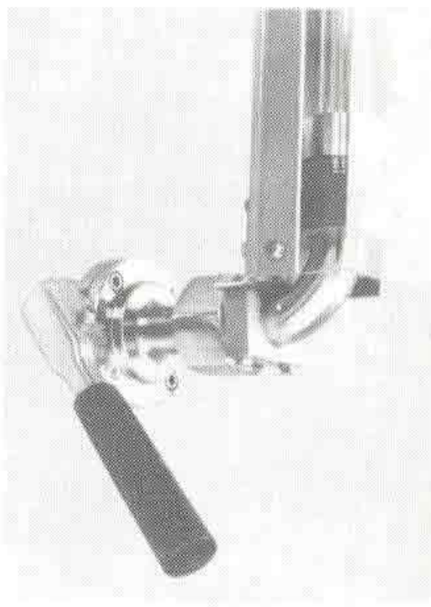
FLANGED TANK FITTINGS ON REQUEST



SeeBio gauge type Bio/102 with 1 inch stub pipe fitting at top and 1 inch food quality butterfly valve fitting at bottom.

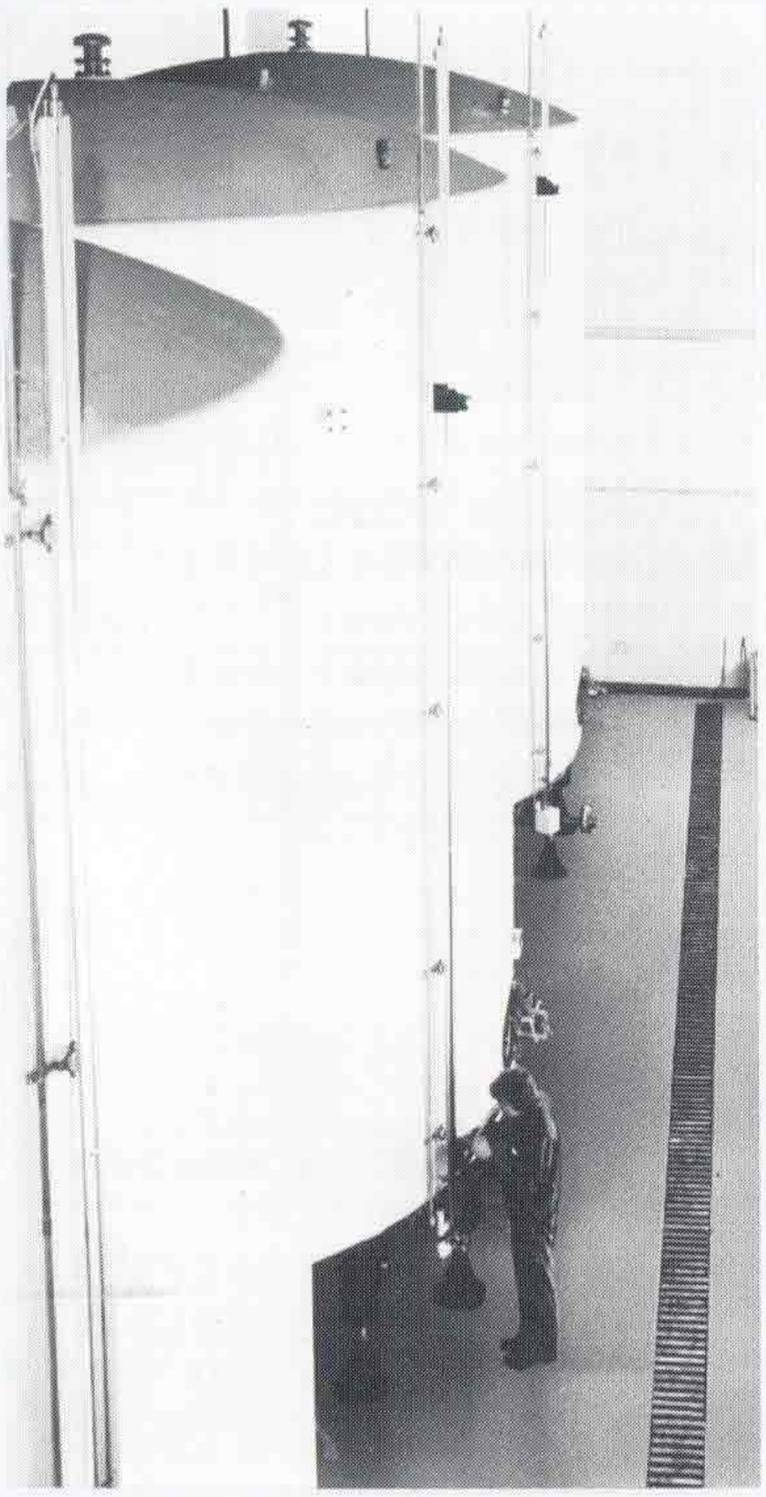


The SeeBio gauge type Bio/103 with 1 inch stub pipe fitting top and bottom.



SeeBio gauge with back entry 1 inch food quality butterfly valve fitting.

Seetru specialise in the manufacture of a comprehensive range of liquid level gauges, remote reading tank contents indicators and safety relief valves. *Full details will be sent on request.*



◄ The SEETOL range

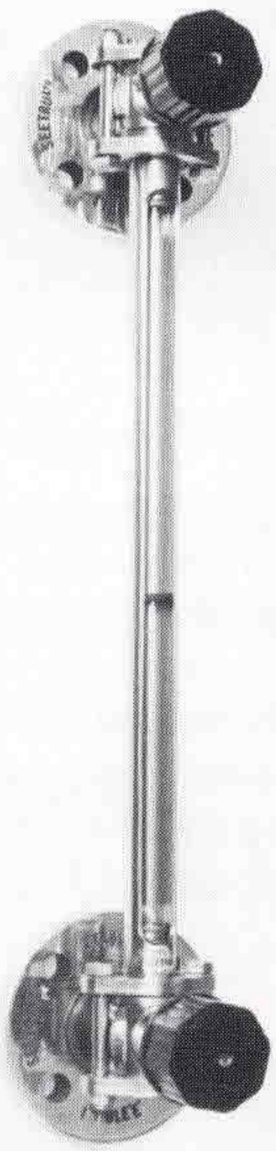
For tanks up to 20 metres tall – hygienic construction and accuracy accepted by HM Customs & Excise . . . the SEETOL system.

Maintaining the hygienic features of the SeeBio and incorporating a unique viewing system for providing tank measurement at 1mm intervals over entire height on tall tanks.

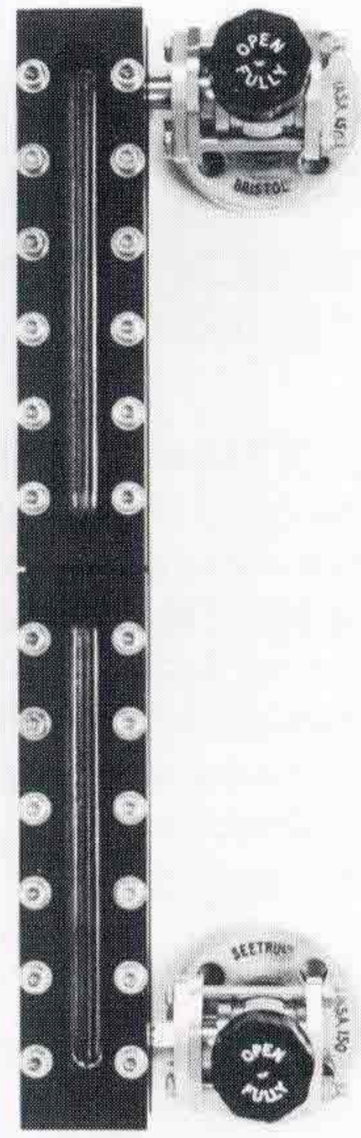
The CPI range ►

for the chemical and process industries

Ideally suited to high duty chemical and process applications, the CPI model is constructed from stainless steel with PTFE sealing and a choice of tubular or reflex borosilicate sight glass. This robust and safe liquid level gauge has a number of safety features built into its design.



Tubular sight glass



Reflex sight glass

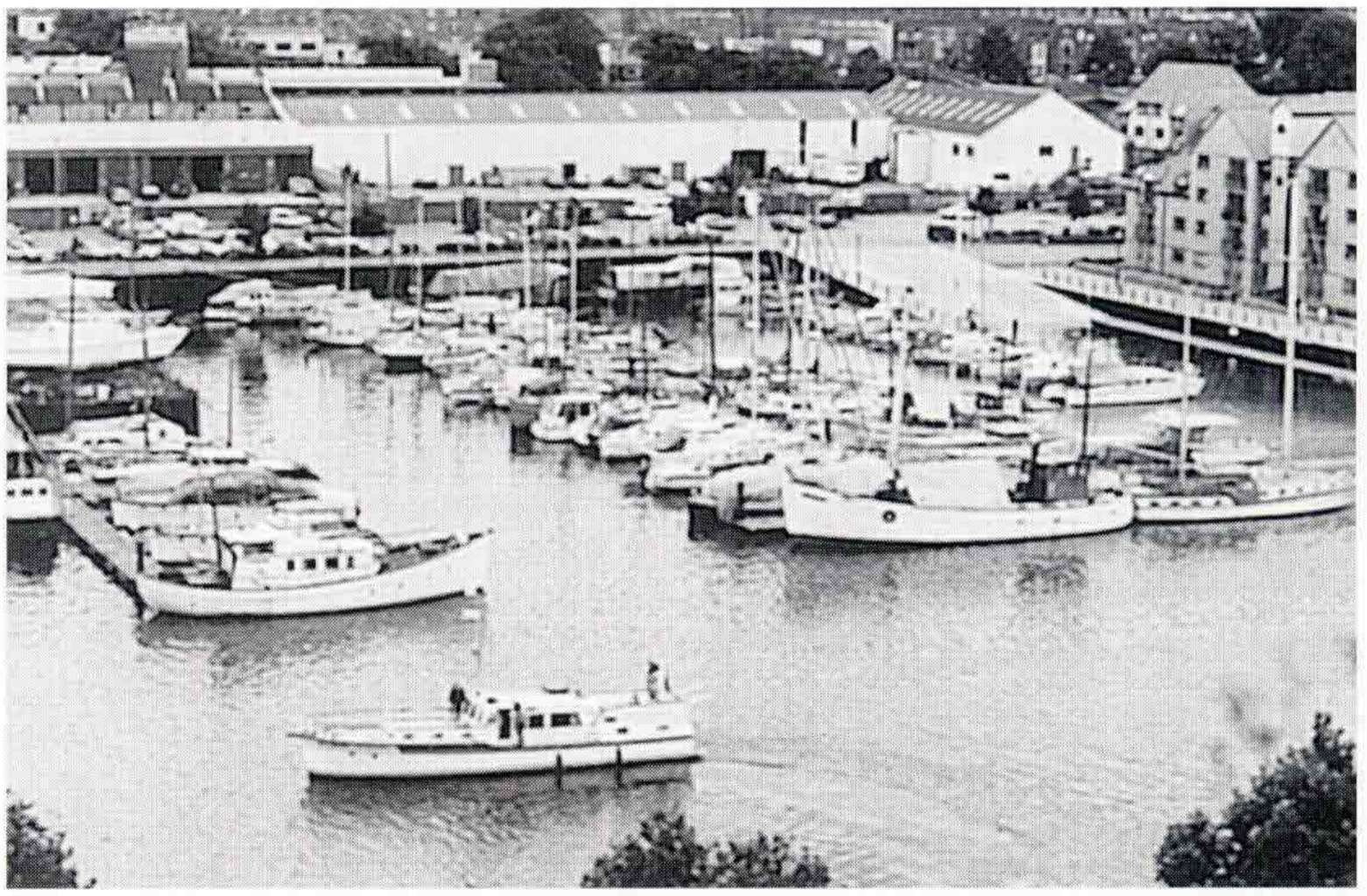
SEETRU – The British company that gives inside information

Seetru products are manufactured in a purpose built factory located in the pleasant surroundings of the Bristol Marina.

Established in 1949, we are proud of our quality products and reputation for customer service.

Our engineers have considerable experience in the design and development of a comprehensive range of liquid level instrumentation and pressure protection devices for applications in all sectors of industry.

In addition to the standard product ranges, Seetru will undertake individual project developments.



SEETRU

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